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TITLE: ELECTROPHOTOGRAPHIC TONER

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MITSUBISHI PETROCHEM CO LTD

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ABSTRACT:

PURPOSE: To obtain the toner which is especially stable to heat history and has the excellent electrifiability and pressure fixing properties by incorporating a wax modified by grafting with an ethylenically unsatd. silane compd. in the titled toner.

CONSTITUTION: The titled toner contains the wax modified by grafting with the ethylenically unsatd. silane compd. The silane modified wax is composed of 60~100wt.% the wax which is graft-copolymerized at least one part of the wax with the vinylsilane and 40~0wt.% the vinyl silane polymer, and preferably comprises 0.3~40wt.% the vinylsilane based on the total wax. The wax is uniformly dispersed in an unmodified wax, thereby applying the stable positively chargeability to the wax and improving the dispersibility by utilizing the interaction between a coloring agent and a magnetic powder. As the result, the excellent toner having the stable heat history and the excellent electrifiability and pressure fixing properties is obt'd.

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